

GenCore version: 4.5
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OM nucleic - nucleic search, using sw model

Run on: September 17, 2002, 00:04:09 : Search time 3347.31 Seconds
(without alignments)
11588.820 Million cell updates/sec

Title: US-09-719-017A-2
Perfect score: 1793
Sequence: 1 gaattcccttgtagcaatla.....caattactcaatgcgcgcgg 1793

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 21979536 seqs, 10817449327 residues

Total number of hits satisfying chosen parameters: 43959072

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

Pending Patents_NA_Main:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	954.2	53.2	1071	31 US-09-806-876A-1	Sequence 1, Appl
2	401.6	22.4	7615	15 US-09-108-401-87	Sequence 87, Appl
3	401.6	22.4	7615	19 US-09-502-424-87	Sequence 87, Appl
4	401.6	22.4	7615	15 US-09-502-498-87	Sequence 87, Appl
5	401.6	22.4	7688	15 US-09-108-401-89	Sequence 89, Appl
6	401.6	22.4	7688	19 US-09-502-424-89	Sequence 89, Appl
7	401.6	22.4	7688	19 US-09-502-498-89	Sequence 89, Appl
8	401.6	22.4	7797	15 US-09-108-401-88	Sequence 88, Appl
9	401.6	22.4	7797	19 US-09-502-424-88	Sequence 88, Appl
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11	369	20.6	7416	34 US-09-900-575-46	Sequence 46, Appl
12	336	18.7	5641	24 US-09-630-931A-13	Sequence 13, Appl
13	336	18.7	5670	24 US-09-630-931A-14	Sequence 14, Appl
14	336	18.7	5826	24 US-09-630-931A-11	Sequence 11, Appl
15	336	18.7	6043	24 US-09-630-929-4	Sequence 4, Appl
16	336	18.7	6071	24 US-09-630-931A-12	Sequence 12, Appl
17	332.8	18.6	4214	33 US-09-869-696-1	Sequence 1, Appl
18	332.8	18.6	4357	30 US-09-795-872-10	Sequence 10, Appl
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26	332.8	18.6	5069	13 US-08-996-744-15	Sequence 15, Appl
27	332.8	18.6	5099	1 PCT-US98-27498-37	Sequence 37, Appl
28	332.8	18.6	5132	1 PCT-US98-27498-24	Sequence 24, Appl
29	332.8	18.6	5132	13 US-08-996-744-24	Sequence 24, Appl
30	332.8	18.6	5324	1 PCT-US98-27498-31	Sequence 31, Appl
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Best Local Similarity 96.7%: Pred. No. 2.2e-98;
Matches 410; Conservative 0; Mismatches 14; Indels 0; Gaps 0;

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OY 1687 gcaag 1690
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Db 738 gcaag 741
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RESULT 3

US-09-502-424-87

Sequence 87, Application US/09502424

GENERAL INFORMATION:

APPLICANT: Kiliian, Andrzej

APPLICANT: Bowtell, David

TITLE OF INVENTION: VERTEBRATE TELOMERASE GENES AND PROTEINS AND USES

TITLE OF INVENTION: THEREOF

FILE REFERENCE: 190106.407

CURRENT APPLICATION NUMBER: US/09/502,424

CURRENT FILING DATE: 2000-02-11

PRIOR APPLICATION NUMBER: US 09/108,401

PRIOR FILING DATE: 1998-06-30

NUMBER OF SEQ ID NOS: 155

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 87

LENGTH: 7615

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

OTHER INFORMATION: Human Telomerase Clone with Exon Beta Spliced Out

US-09-502-424-87

Query Match 22.4%: Score 401.6; DB 19; Length 7615;
Best Local Similarity 96.7%: Pred. No. 2.2e-98;
Matches 410; Conservative 0; Mismatches 14; Indels 0; Gaps 0;

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OY 1327 tgaacgcgcgtagcgcgtagttagtctggggctcccaactgcggaagtagggaactcgc 1386
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OY 1687 gcaag 1690
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Db 738 gcaag 741
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RESULT 4

US-09-502-498-87

Sequence 87, Application US/09502498

GENERAL INFORMATION:

APPLICANT: Kiliian, Andrzej

APPLICANT: Bowtell, David

TITLE OF INVENTION: VERTEBRATE TELOMERASE GENES AND PROTEINS AND USES

TITLE OF INVENTION: THEREOF

FILE REFERENCE: 190106.407

CURRENT APPLICATION NUMBER: US/09/502,498

CURRENT FILING DATE: 2000-02-11

PRIOR APPLICATION NUMBER: US 09/108,401

PRIOR FILING DATE: 1998-06-30

NUMBER OF SEQ ID NOS: 155

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 87

LENGTH: 7615

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

OTHER INFORMATION: Human Telomerase Clone with Exon Beta Spliced Out

US-09-502-498-87

Query Match 22.4%: Score 401.6; DB 19; Length 7615;
Best Local Similarity 96.7%: Pred. No. 2.2e-98;
Matches 410; Conservative 0; Mismatches 14; Indels 0; Gaps 0;

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US-09-108-401-89
; Sequence 89, Application US/09108401
; Journal INFORMATION

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: TITLE OF INVENTION: VETERBRATE TELOMERASE GENES AND PROTEINS AND USES
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: TITLE OF INVENTION: THEREOF
:
: FILE REFERENCE: 190106. 407
:
: CURRENT APPLICATION NUMBER: US/09/108,401
:
: CURRENT FILING DATE: 1998-06-30
:
: NUMBER OF SEQ ID NOS: 155
:
: SOFTWARE: PatentIn Ver. 2.0
:
: SEQ ID NO 89
:
: LENGTH: 7688
:
: TYPE: DNA
:
: ORGANISM: Homo sapiens
:
: FEATURE:
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: OTHER INFORMATION: Human Telomerase Clone with exon Alpha Spliced Out
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: US-09-108-401-89

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RESULT 6
US-09-502-424-89

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? Sequence 89, Application US/09502424
? GENERAL INFORMATION:
? APPLICANT: Kilian, Andrezj
? APPLICANT: Bortelli, David
? TITLE OF INVENTION: VERTTEBRATE TELOMERASE GENES AND PROTEINS AND USES
? TITLE OF INVENTION: THERIOF
? FILE REFERENCE: 190106.407
? CURRENT APPLICATION NUMBER: US/09/502,424
? CURRENT FILING DATE: 2000-02-11
? PRIOR APPLICATION NUMBER: US 09/108,401
? PRIOR FILING DATE: 1998-06-30
? NUMBER OF SEQ ID NOS: 155
? SOFTWARE: Patentlin Ver. 2.0
? SEQ ID NO 89
? LENGTH: 7688
? TYPE: DNA
? ORGANISM: Homo sapiens
? FEATURE:
? OTHER INFORMATION: Human Telomerase Clone with exon Alpha Spliced Out
? US-09-502-424-89

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Query Match:	22.4%	Score 401.6:	DB 19:	Length 7688:
Best Local Similarity:	96.7%	Pred. No. 2.2e-98:		
Matches 410, Conservative	0:	Mismatches 14:	Indels 0:	Gaps 0:

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Db	438	aggcataataataaaacgaagaagctcaagtcgaaagacttggcctttcgtttatctcgtgtc	497
QY	1447	ttgtcgcgttgaaacgctctccctcgttagagacaataccgcgcggagcggaatttgaacgttcgc	1506
Db	498	ttgtcgcgttgaaacgctctccctcgttagagacaataccgcgcggagcggaatttgaacgttcgc	557
QY	1507	aagcacacgccccggagaggttgctggcggaagacgcgcgcataaactctgcacgacgacataa	1566
Db	558	aagcacacgccccggagaggttgctggcggaagacgcgcgcataaactctgcacgacgacataa	617
QY	1567	aagcagaagaagcattctcgtgaacggaatggcctttttggcttctcaaacctcttcgtctgc	1626
Db	618	aagcagaagaagcattctcgtgaacggaatggcctttttggcttctcaaacctcttcgtctgc	677
QY	1627	atatctcaagccatctcccccacaagatacgtgaataacttgcgttttttgcacagga	1686
Db	678	atatctcaagccatctcccccacaagatacgtgaataacttgcgttttttgcacagga	737
QY	1687	gcag 1690	
Db	738	gcag 741	

RESULT 7
US-09-502-498-89
; Sequence 89, Application US/09502498

```

: APPLICANT: Kilian, Andrzej
:
: APPLICANT: Bowtell, David
:
: TITLE OF INVENTION: VERTEBRATE TELOMERASE GENES AND PROTEINS AND USES
:
: TITLE OF INVENTION: THEREOF

```

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; CURRENT APPLICATION NUMBER: US/09/502,49
; CURRENT FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: US 09/108,401
; PRIOR FILING DATE: 1998-06-30
; NUMBER OF SEQ ID NOS: 155

```

Query Match	22.48;	Score 401.6;	DB 15;	Length 7797;
Best Local Similarity	96.7%;	Pred. No. 2.2e-98;		
Matches 410; Conservative	0;	Mismatches 14;	Indels 0;	Gaps 0

QY 1387 aggcatacaataaagcgaagcctgcgcgaagaactggccttcgtttatctgtgt 1446
 |||||
 Db 438 aggcatacaataaagcgaagcctgcgcgaagaactggccttcgtttatctgtgt 497

OY 1447 ttgtcgttgaacgctctctctgtagtagacaacatccgcgcggagcgagatttgaacgttgcg 1506
|||||
DB 498 ttgtcgttgaacgctctctctgtagtagacaacatccgcgcggagcgagatttgaacgttgcg 557
OY 1507 aagcaacgccccggaggttgcgcggcgaggaacccgcgcataacttccagcgatcaatt 1566
|||||
DB 558 aagcaacgccccggaggttgcgcggcgaggaacccgcgcataacttccagcgatcaatt 617
OY 1567 aagcaacgccccgttcgttcgagtagcgttttttcgtttcttaacaaacttctctgcgc 1626
|||||
DB 618 aagcaacgccccgttcgttcgagtagcgttttttcgtttcttaacaaacttctctgcgc 677
OY 1627 atatctacaagcatccccccacagatacgcgttaaacatagcctcgttttgcatacagaaga 1686
|||||
DB 678 atatctacaagcatccccccacagatacgcgttaaacatagcctcgttttgcatacagaaga 737
OY 1687 gcag 1690
|||||
DB 738 gcag 741

RESULT 10

US-09-502-498-88
; Sequence 88, Application US/09502498
; GENERAL INFORMATION:
; APPLICANT: Kilian, AndrzeJ
; APPLICANT: Bowtell, David
; TITLE OF INVENTION: VERTERATE TELOMERASE GENES AND PROTEINS AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 190106.407
; CURRENT APPLICATION NUMBER: US/09/502,498
; CURRENT FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: US 09/108,401
; PRIOR FILING DATE: 1998-06-30
; NUMBER OF SEQ ID NOS: 155
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 88
; LENGTH: 7797
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Human Telomerase Clone with Alternative C-terminus
US-09-502-498-88

Query Match 22.4%; Score 401.6; DB 19; Length 7797;
Best Local Similarity 96.7%; Pred. No. 2,2e-98;
Matches 410; Conservative 0; Mismatches 14; Indels 0; Gaps 0;

OY 1267 agagtcgaacctgcagcagatgcaagcttgggtccacactgaccccatgcccgaactcagaag 1326
|||||
DB 318 agaatctgtcttgcgcgagtagcgcgttgggtccacactgaccccatgcccgaactcagaag 377
OY 1327 tgaacgcgttagcgcgagtagtgggttcccatcgcgaagtagaggaactgcg 1386
|||||
DB 378 tgaacgcgttagcgcgagtagtgggttcccatcgcgaagtagaggaactgcg 437
OY 1387 aggcatacaataaagcaaggtctcagtcgaagagacttggccttctgttcttctgt 1446
|||||
DB 438 aggcatacaataaagcaaggtctcagtcgaagagacttggccttctgttcttctgt 497
OY 1447 ttgtcgttgaacgctctctctgtagtagacaacatccgcgcggagcgagatttgaacgttgcg 1506
|||||
DB 498 ttgtcgttgaacgctctctctgtagtagacaacatccgcgcggagcgagatttgaacgttgcg 557
OY 1507 aagcaacgccccggaggttgcgcggcgaggaacccgcgcataacttccagcgatcaatt 1566
|||||
DB 558 aagcaacgccccggaggttgcgcggcgaggaacccgcgcataacttccagcgatcaatt 617
OY 1567 aagcaacgccccgttcgttcgagtagcgttttttcgtttcttaacaaacttctctgcgc 1626
|||||
DB 618 aagcaacgccccgttcgttcgagtagcgttttttcgtttcttaacaaacttctctgcgc 677

OY 1627 atatctacaagcatccccccacagatacgcgttaaacatagcctcgttttgcatacagaaga 1686
|||||
DB 678 atatctacaagcatccccccacagatacgcgttaaacatagcctcgttttgcatacagaaga 737
OY 1687 gcag 1690
|||||
DB 738 gcag 741

RESULT 11

US-09-900-575-46
; Sequence 46, Application US/09900575
; GENERAL INFORMATION:
; APPLICANT: Langemann, Solomon
; APPLICANT: Revel, Andrew
; APPLICANT: Auguste, Christine
; APPLICANT: Burtelin, Jeanne
; TITLE OF INVENTION: Film Adhesin Proteins and Methods of Use
; FILE REFERENCE: 469201-549
; CURRENT APPLICATION NUMBER: US/09/900,575
; CURRENT FILING DATE: 2001-07-06
; PRIOR APPLICATION NUMBER: US/60/216,750
; PRIOR FILING DATE: 2000-07-07
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 46
; LENGTH: 7416
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence of Plasmid pCGA126-1
US-09-900-575-46

Query Match 20.6%; Score 369; DB 34; Length 7416;
Best Local Similarity 99.5%; Pred. No. 1.8e-89;
Matches 391; Conservative 0; Mismatches 0; Indels 2; Gaps 2;

OY 1299 ccacctgaccccatgctgcgaactcagaagtgaaacgcgcgtagcgcgagtgtgtggtg 1358
|||||
DB 2688 ccacctgaccccatgctgcgaactcagaagtgaaacgcgcgtagcgcgagtgtgtggtg 2746
OY 1359 tctcccatgctgcgagtaggaacttccagcgcatacaataaagcaaggtccagtcgaa 1418
|||||
DB 2747 tctcccatgctgcgagtaggaacttccagcgcatacaataaagcaaggtccagtcgaa 2806
OY 1419 agactggccttgcgttcatctgtgttgcgtgcgaacgctctcctgtagtagaaca 1478
|||||
DB 2807 agactggccttgcgttcatctgtgttgcgtgcgaacgctctcctgtagtagaaca 2866
OY 1479 tccg-ccggagcgagatttgaacgttgcgaacgaacgcgcgcggaggttgcgcgac 1537
|||||
DB 2867 tccg-ccggagcgagatttgaacgttgcgaacgaacgcgcgcggaggttgcgcgac 2926
OY 1538 gccgcgataaacttgcgaagcatcaataaagcaaggtccatctcgaagtagtgcctt 1597
|||||
DB 2927 gccgcgataaacttgcgaagcatcaataaagcaaggtccatctcgaagtagtgcctt 2986
OY 1598 ttgcgttctacaacatctctcgtcgtcatatctacaagcatccccccacagatacgg 1657
|||||
DB 2987 ttgcgttctacaacatctctcgtcgtcatatctacaagcatccccccacagatacgg 3046
OY 1658 taaactagcctcgttttgcatacgaagaacgag 1690
|||||
DB 3047 taaactagcctcgttttgcatacgaagaacgag 3079

RESULT 12

US-09-630-931A-13
; Sequence 13, Application US/09630931A
; GENERAL INFORMATION:
; APPLICANT: Zyskind, Judith W.
; TITLE OF INVENTION: CHITOBINASE AS A REPORTER ENZYME

Query Match	18.7%	Score 336	DB 24	Length 5670
Best Local Similarity	100.0%	Pred. No. 1.8e-80		
Matches 336	Conservative 0	Mismatches 0	Indels 0	Gaps 0
Oy	1311	atgccgaactcagaagttaaacgccgtacgcgcgaatgtgtatgttgggtctcccatg	1370	

Qy	1611	aactctccgtgctgatalatcatcaagcatcccc	1646
Db	1741	aactctccgtgctgatalatcatcaagcatcccc	1776
Db	1681	tgcagcatcaaatagcagaagccatccctgacgagtggcctttgtgtcttctaca	1740

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RESULT 15
US-09-630-929-4
; Sequence 4, Application US/09630929
; GENERAL INFORMATION:
; APPLICANT: Judith W. Zyskind
; TITLE OF INVENTION: USE OF ECTOENZYMES AND SECRETED ENZYMES
; TITLE OF INVENTION: TO MONITOR CELLULAR PROLIFERATION
; FILE REFERENCE: ELITRA.012A
; CURRENT APPLICATION NUMBER: US/09/630,929
; CURRENT FILING DATE: 2000-08-02
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 6043
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Engineered E. coli plasmid pUFK4 with V. harvey1
; OTHER INFORMATION: sequences inserted
US-09-630-929-4
```

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Query Match 18.7%; Score 336; DB 24; Length 6043;
Best Local Similarity 100.0%; Pred. NO. 1.8e-80;
Matches 336; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1311 atgcccgaactcagaagtgaaacgcgtaagccgagatgtagtctggtggtctcccatgcg 1370
   |||
DB 1441 atgcccgaactcagaagtgaaacgcgtaagccgagatgtagtctggtggtctcccatgcg 1500

QY 1371 agagtagggaactgccaggcatcaataaacaagaagctcagtcgaagaactggcctt 1430
   |||
DB 1501 agagtagggaactgccaggcatcaataaacaagaagctcagtcgaagaactggcctt 1560

QY 1431 tcgtttatctgtctgttcggtgaacgctcctcctgaagtagaacaatccgccggagac 1490
   |||
DB 1561 tcgtttatctgtctgttcggtgaacgctcctcctgaagtagaacaatccgccggagac 1620

QY 1491 ggaattgaacgttcgaaagcaacgcccggaggttgcggcagagacgcccgcataaac 1550
   |||
DB 1621 ggaattgaacgttcgaaagcaacgcccggaggttgcggcagagacgcccgcataaac 1680

QY 1551 tgcaggagcatcaatgaagcaagccatcctgacgtagtgccttttgcgtttctaca 1610
   |||
DB 1681 tgcaggagcatcaatgaagcaagccatcctgacgtagtgccttttgcgtttctaca 1740

QY 1611 aactctcctgcgtcatatctacaagcatccccc 1646
   |||
DB 1741 aactctcctgcgtcatatctacaagcatccccc 1776
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Search completed: September 17, 2002, 02:38:37
Job time: 9268 sec